# CONFIDENTIANOO

	SAC, Pittsburgh (97-123-Sub 2) 9/17/68
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(v)	ATOMIC ENERGY ACT
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	Provided full security assured, authority is granted
	to This should be done on b7D
	a personal and strictly confidential basis through your
	established source
	No grand jury subpoena is being used in this instance due to the sensitive nature of the investigation.  HDC:sib (Classified by SICS SLD)K)
	HDC: 81b Classified by 3168 SLD/CV (4)  OECLASSIFY ON 25X 6 Classified by 3168 SLD/CV DECLASSIFY ON 25X 6
	NOTE:
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EXEMPTED FROM AUTOMATIC DECLASSIFICATION AUTHORITY DERIVED FROM: FBI AUTOMATIC DECLASSIFICATION GUIDE

EXEMPTION CODE 25X(1,6) 09-26-2008

#### SECRET

UNITED STATES DEPARTMENT OF JUSTICE

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#### DR. ZALMAN MORDECAI SHAPIRO

Property Management Division, United States Atomic Energy Commission, New York Operations Office, 376 Hudson Street, New York, New York, 10014, which read as follows:

"Dear Mr. Walsh:

"Your permission is hereby requested for the visit of a non-citizen of the United States to Nuclear Materials & Equipment Corporation's facilities. The information relative to this visit is as follows:

- a. Full name of the visitor: 1. Dr. Abraham Hermoni
  - 2. Mr. Ephraim Biegun
- b. Date and place of birth:

1.

c. Citizenship:

Israeli

2.

- d. Visitor's affiliation and position (company or government organization name):
- 1. Israeli Embassy Scientific Councilor
- 2. Israeli Ministry of Defense - Group Leader, Dept. of Electronics
- e. Proposed dates of visit: September 10, 1968
- f. Purpose of visit:

Discuss thermoelectric devices (unclassified)

g. Areas to be visited:

Fnergy Conversion Laboratory

h. Names of NUMEC personnel to be contacted:

Z. M. Shapiro





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## SECRET

#### DR. ZALMAN MORDECAI SHAPIRO

"i. NUMEC official recommending visit approval:

Z. M. Shapiro

"Please advise me of your approval action. Thank you very much for your cooperation."

On October 7, 1968, Clem Palazzolo, supra, made available a copy of a letter dated September 27, 1968, from supra, to Harry R. Walsh, supra, which read as follows:

"Dear Mr. Walsh:

"Reference your telephone call concerning the September 10 visit of Messrs. Hermoni, Bendor, Eitan and Biegun, Israeli citizens. Please be advised of the following.

"The above mentioned gentlemen met with Dr. Shapiro.

"Ith the exception of Dr. Shapiro, all of the NUMEC personnel are in our Energy Conversion Department and are thermoelectric generator specialists.

"Discussion with the Israeli nationals concerned the possibility of developing plutonium fueled thermo-electric generator systems in the 5 and 50 milliwatt power level. Specifically, they were interested in 10 generators in the 5 milliwatt range. Each of which would be fueled with about 2 grams of plutonium. The 50 milliwatt generator is considered a remote possibility, but would use approximately 20 grams of plutonium. The generators are of the terrestrial type.

"We are proceeding to make a proposal to these gentlemen for this work using, of course, only unclassified information which is already in the public domain. It is also our understanding that these same gentlemen have visited several of the major nuclear organizations in the United States to develop proposals from them on these items.

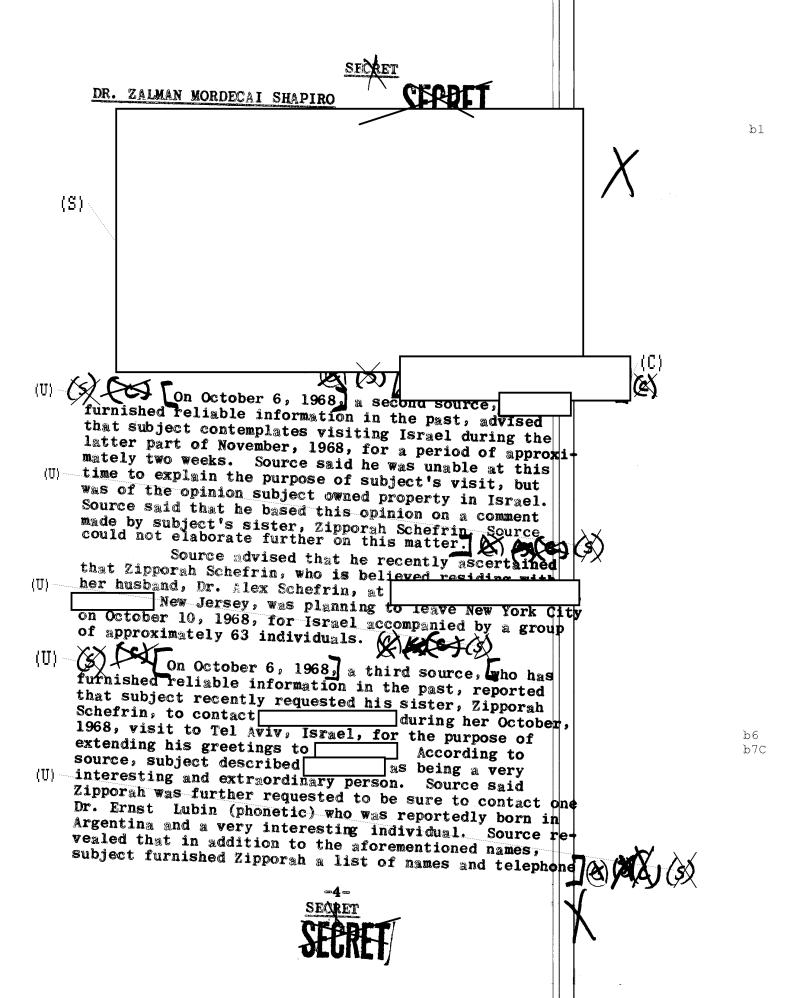
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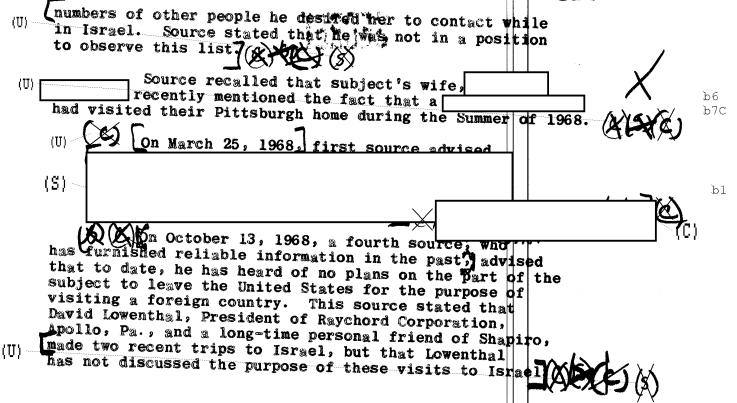
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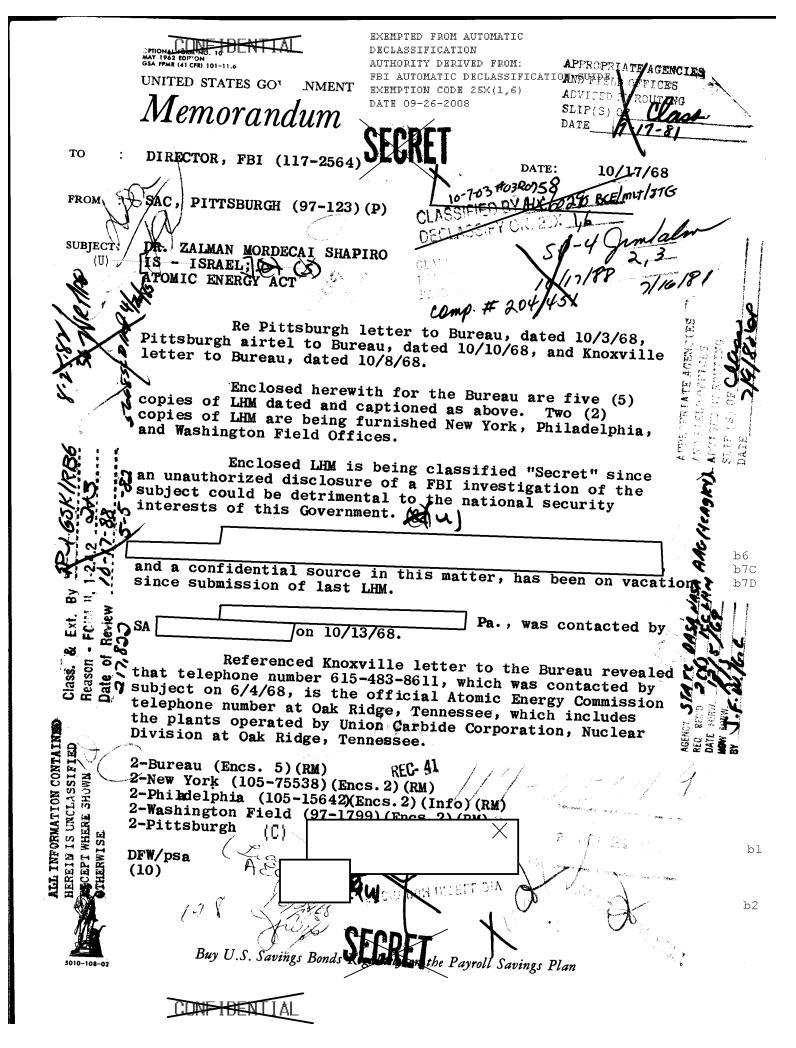
#### DR. ZALMAN MORDEC I SHAPIRO

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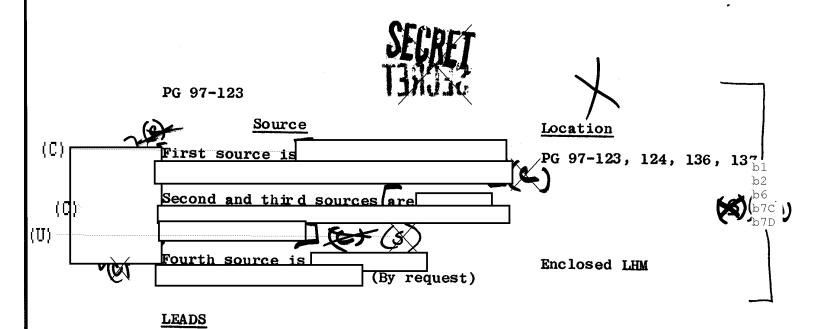


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### CONFIDENTIAL



#### PITTSBURGH

AT PITTSBURGH, PA. (ALLEGHENY COUNTY)

Will follow and report subject's activities.

